

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 98     | ((first or soft) near2 estimat\$3) same threshold) and ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) and (((second or hard or rough) near2 estimat\$3) same threshold)                                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/03/09 09:05 |
| L2    | 3      | ((first or soft) near2 estimat\$3) same threshold) same ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) same (((second or hard or rough) near2 estimat\$3) same threshold)                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/03/09 09:11 |
| L3    | 2      | ((first or soft) near2 estimat\$3) same threshold) same ((remov\$3 or eliminat\$3 or reduc\$3 or supress\$3) near2 (noise or distortion\$1 or interference or isi)) same (((second or hard or rough) near2 estimat\$3) same threshold) and (correlation near2 noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/03/09 09:43 |
| L4    | 1      | ("20050175126").PN.  | US-PGPUB; USPAT; USOCR                    | OR               | OFF     | 2007/03/09 10:44 |
| L5    | 1      | ("5905946").PN.  | US-PGPUB; USPAT; USOCR                    | OR               | OFF     | 2007/03/09 10:45 |
| S1    | 109742 | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) ahd (correlation adj1 noise adj1 (remov\$3 or cancel\$3))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/09/29 11:17 |
| S2    | 2      | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psudo adj1 noise)) same (estimat\$3) and (correlation adj1 noise adj1 (remov\$3 or cancel\$3))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/09/29 12:00 |
| S3    | 1      | "10621058"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2006/09/29 11:37 |
| S4    | 0      | ("20030715").PN.   | US-PGPUB; USPAT; USOCR                    | OR               | OFF     | 2006/09/29 11:37 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S5  | 1  | ("20040080302").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/09/29 11:37 |
| S6  | 22 | (correlation adj1 noise adj1<br>(remov\$3 or cancel\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 11:50 |
| S7  | 3  | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same<br>(estimat\$3) and (noise adj1<br>(remov\$3 or cancel\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 11:50 |
| S8  | 24 | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same<br>(estimat\$3) and (noise near2<br>(remov\$3 or cancel\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:05 |
| S9  | 8  | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same (first adj1<br>estimat\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 16:20 |
| S10 | 4  | (correlat\$3) same (first adj1<br>estimat\$3) and (removing same<br>(second near3 estimat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:11 |
| S11 | 59 | (correlat\$3) same (first adj1<br>estimat\$3) and ((removing adj1<br>noise or interference) same<br>(estimat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:12 |
| S12 | 0  | (correlat\$3) same (first adj1<br>estimat\$3) and ((removing adj1<br>(noise or interference)) same<br>(estimat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:12 |
| S13 | 81 | (correlat\$3) same (estimat\$3) and<br>((removing adj1 (noise or<br>interference)) same (estimat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:12 |
| S14 | 27 | (correlat\$3) same (estimat\$3) same<br>((removing adj1 (noise or<br>interference)) same (estimat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/29 12:20 |

## EAST Search History

|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S15 | 5948 | (correlat\$3 near2 noise)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 12:20 |
| S16 | 1965 | (correlat\$3 adj1 noise)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 12:20 |
| S17 | 294  | (correlat\$3 adj1 noise) same<br>estimat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 12:21 |
| S18 | 7    | (correlat\$3 adj1 noise) same ( first<br>near2 estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 12:22 |
| S19 | 9    | (correlat\$3 adj1 noise) same<br>(second near2 estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 14:36 |
| S23 | 346  | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same<br>(estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 16:20 |
| S24 | 118  | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same<br>(estimat\$3) and ((remov\$3 or<br>reduc\$3 or eliminat\$3) near2 (noise<br>or interference))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 16:23 |
| S25 | 15   | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same (estimat\$3<br>same threshold) and ((remov\$3 or<br>reduc\$3 or eliminat\$3) near2 (noise<br>or interference)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2006/09/29 16:23 |
| S26 | 118  | (correlat\$3 near5 ((synchronization<br>adj1 (signal or code)) or pn or<br>psudo adj1 noise)) same<br>(estimat\$3) and ((remov\$3 or<br>reduc\$3 or eliminat\$3) near2 (noise<br>or interference))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR- | ON | 2006/10/02 10:44 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S27 | 119 | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psuedo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 10:45 |
| S28 | 119 | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or psuedo adj1 noise)) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 10:45 |
| S29 | 119 | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3) and ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 10:45 |
| S30 | 7   | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3) same ((remov\$3 or reduc\$3 or eliminat\$3 or compensat\$3) near2 (noise or interference))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 10:50 |
| S31 | 346 | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 10:51 |
| S32 | 52  | (correlat\$3 near5 ((synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:20 |
| S33 | 61  | (correlat\$3 with (reference near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise)) with (received near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:58 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S34 | 7   | (correlat\$3 with (reference near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise)) with (received near2 (synchronization adj1 (signal or code)) or pn or (psuedo adj2 noise))) same (estimat\$3 same threshold) and (noise near2 (cancel\$3 or reduc\$3 or remov\$3 or mitigat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:37 |
| S35 | 20  | (estimat\$3) same (noise near2 remov\$3) same (second near2 estimat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:44 |
| S36 | 208 | (remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:45 |
| S37 | 0   | (remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise) same (multi\$1pth near2 estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:46 |
| S38 | 5   | (remov3 or reduc\$3 or mitigat\$3) near2 (correlation near2 noise) and (multi\$1path near2 estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:50 |
| S39 | 7   | (remov3 or reduc\$3 or mitigat\$3 or suppress\$3) near2 (correlation near3 noise) and (multi\$1path near2 estimat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:51 |
| S40 | 9   | (remov3 or reduc\$3 or mitigat\$3 or suppress\$3) near2 (correlation near3 interference) and (multi\$1path near2 estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 11:51 |
| S41 | 8   | ((correlat\$3 with (pn or psuedo)) with (received near2 pn or (psuedo adj2 noise))) same (estimat\$3 same threshold)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 12:06 |
| S42 | 34  | ((correlat\$3 with (pn or psuedo)) with (received near2 pn or (psuedo adj2 noise))) same (estimat\$3 with correlation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 12:13 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S43 | 87   | ((remov\$3 or cancel\$3) near2 (noise or interference\$1)) same (estimat\$3 with threshold)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 12:17 |
| S44 | 19   | ((remov\$3 or cancel\$3) near2 (noise or interference\$1)) same (estimat\$3 with threshold) and multi\$1path | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 14:24 |
| S45 | 40   | (subtract\$3 with (correlation adj1 noise))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 14:33 |
| S46 | 8    | (subtract\$3 with (correlation adj1 noise)) same estimat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/02 14:33 |
| S49 | 0    | (correlation near2 noise near2 remov\$3) and (fine near2 estimat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 11:59 |
| S50 | 0    | (correlation near2 noise near2 remov\$3) and (coarse near2 estimat\$3)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:23 |
| S51 | 102  | (correlation near2 noise near2 remov\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:23 |
| S52 | 8    | (correlation adj1 noise adj1 remov\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:24 |
| S53 | 1262 | 375/150.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:25 |
| S54 | 567  | S53 and (correlat\$3 same estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:25 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S55 | 9      | S53 and (correlat\$3 same estimat\$3) and (estimat\$3 same (noise near2 remov\$3))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/03 12:26 |
| S56 | 2      | "6990160"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 10:50 |
| S57 | 165170 | (filter\$3 or remov\$3 or cancel\$3) near4 (noise or interference or distortion)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 10:52 |
| S58 | 166441 | (filter\$3 or remov\$3 or cancel\$5) near4 (noise or interference or distortion)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:50 |
| S59 | 983    | S58 same ((estimat\$3) with (threshold or level or predetermined))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 10:55 |
| S60 | 6685   | S58 same correlat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 10:55 |
| S61 | 86     | S60 same ((estimat\$3) with (threshold or level or predetermined))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 11:55 |
| S62 | 0      | (subtract\$3 near3 channel near2 impulse near2 response) with (correlation near2 function)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 11:57 |
| S63 | 1      | (subtract\$3 near3 channel near2 impulse near2 response) near5 (correlation near2 function) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 11:57 |
| S64 | 1      | (subtract\$3 near3 channel near2 impulse near2 response) with (correlation near2 function)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 12:00 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S65 | 1   | ((remov\$3 or cancel\$3 or filter\$3) near4 (interference or noise ir distortion)) with correlation with (size near4 multi\$1path) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 12:02 |
| S66 | 2   | ((remov\$3 or cancel\$3 or filter\$3) near4 (interference or noise or distortion)) with (size near4 multi\$1path)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 16:07 |
| S67 | 4   | (second near3 estimat\$3 near5 multi\$1path) with threshold  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 12:06 |
| S68 | 46  | (estimat\$3 near5 multi\$1path) with threshold   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 12:06 |
| S69 | 6   | (estimat\$3 near5 multi\$1path) with threshold same correlat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 12:06 |
| S70 | 445 | (filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 (correlation near2 noise)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:51 |
| S71 | 128 | (filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 (correlation adj1 noise)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:52 |
| S72 | 20  | S71 same (estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:52 |
| S73 | 128 | (filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 ("correlation noise")                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:52 |
| S74 | 128 | (filter\$3 or remov\$3 or cancel\$5 or minimiz\$3 or eliminat\$3) near4 "correlation noise"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/10/13 13:52 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S75 | 20 | S74 same (estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 13:57 |
| S76 | 0  | (second adj1 multi\$1path adj1<br>estimat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 13:57 |
| S77 | 24 | (second near2 estimat\$3 near4<br>multi\$1path)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 15:43 |
| S78 | 1  | ("20050175126").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/10/13 16:07 |
| S79 | 41 | ((remov\$3 or cancel\$3 or filter\$3)<br>near4 (interference or noise or<br>distortion)) near3 (correlation near2<br>function) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:12 |
| S80 | 45 | (reduc\$3 near2 channel near2<br>estimat\$3 near2 error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:13 |
| S81 | 1  | (reduc\$3 near2 channel near2<br>estimat\$3 near2 error) same<br>correlation   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:13 |
| S82 | 1  | (reduc\$3 near2 channel near2<br>estimat\$3 near2 error) same<br>correlat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:14 |
| S83 | 19 | (reduc\$3 near2 channel near2<br>estimat\$3 near2 error) and<br>correlat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:54 |
| S84 | 1  | (second near3 estimation) with<br>(second near3 threshold) with<br>correlat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:55 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S85 | 7  | (second near3 estimat\$3) with<br>(second near3 threshold) with<br>correlat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 16:55 |
| S86 | 1  | ("5905946").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2007/03/09 08:36 |
| S87 | 2  | ((first or soft) near2 estimat\$3)<br>same (correlation adj1 noise) same<br>((second or hard or rough) near2<br>estimat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/09 08:38 |
| S88 | 38 | ((first or soft) near2 estimat\$3) and<br>(correlation adj1 noise) and<br>((second or hard or rough) near2<br>estimat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/09 09:03 |